

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00		A4	ECR-14-004005, ADD NEW P/N	18MAR2014	WRP	RIC
			A5	ECR-15-010757	20JUL2015	SL	RR
			A6	ECR-15-016520	25NOV2015	SL	RR
			A7	ECR-17-001536	03FEB2017	IZ	RR

NOTE

- 1 SEE SHEET 2 FOR AVAILABLE CONFIGURATIONS
- 2 MATERIAL: HOUSING, NYLON, UL94 V0, 750°C GWT NO FLAME
EIGHT COLORS AVAILABLE, INCLUDING: NATURAL, RED, BLUE, YELLOW, BLACK, GREY, GREEN, PURPLE
WHITE VERSION IS PRELIMINARY
- CONTACT, COPPER ALLOY, 0.60MM THICK
- 3 FINISH: OPTION 1: TIN PLATING OVER NICKEL UNDERPLATING
OPTION 2: AG PLATING OVER NICKEL UNDERPLATING
- 4 PCB LAYOUT AS SHOWN
- 5 THE PART NUMBERS SHOWING IN SHEET 2 & 3 ARE FOR NATURAL COLOR . THE PART NUMBER FOR OTHER COLOR ARE BASED ON THE NATURAL ONE: FOR THE SAME CONFIGURATION, THE PREFIX AND POSTFIX OF THE P/N ARE THE SAME, ONLY THE BASE NUMBER IS DIFFERENT ACCORDING TO DIFFERENT COLOR, DETAIL PLEASE SEE SHEET 4
- 6 PACKAGING: LOOSE PIECE OR TUBE. THE PART NUMBERS IN THIS DRAWING ARE WITH LOOSE PIECE PACKAGING. PLEASE CONTACT TE SALES REPRESENTATIVES FOR TUBE PACKAGING REQUIREMENT.
- 7 PRELIMINARY PART NOT RELEASED FOR PRODUCTION

D

D

C

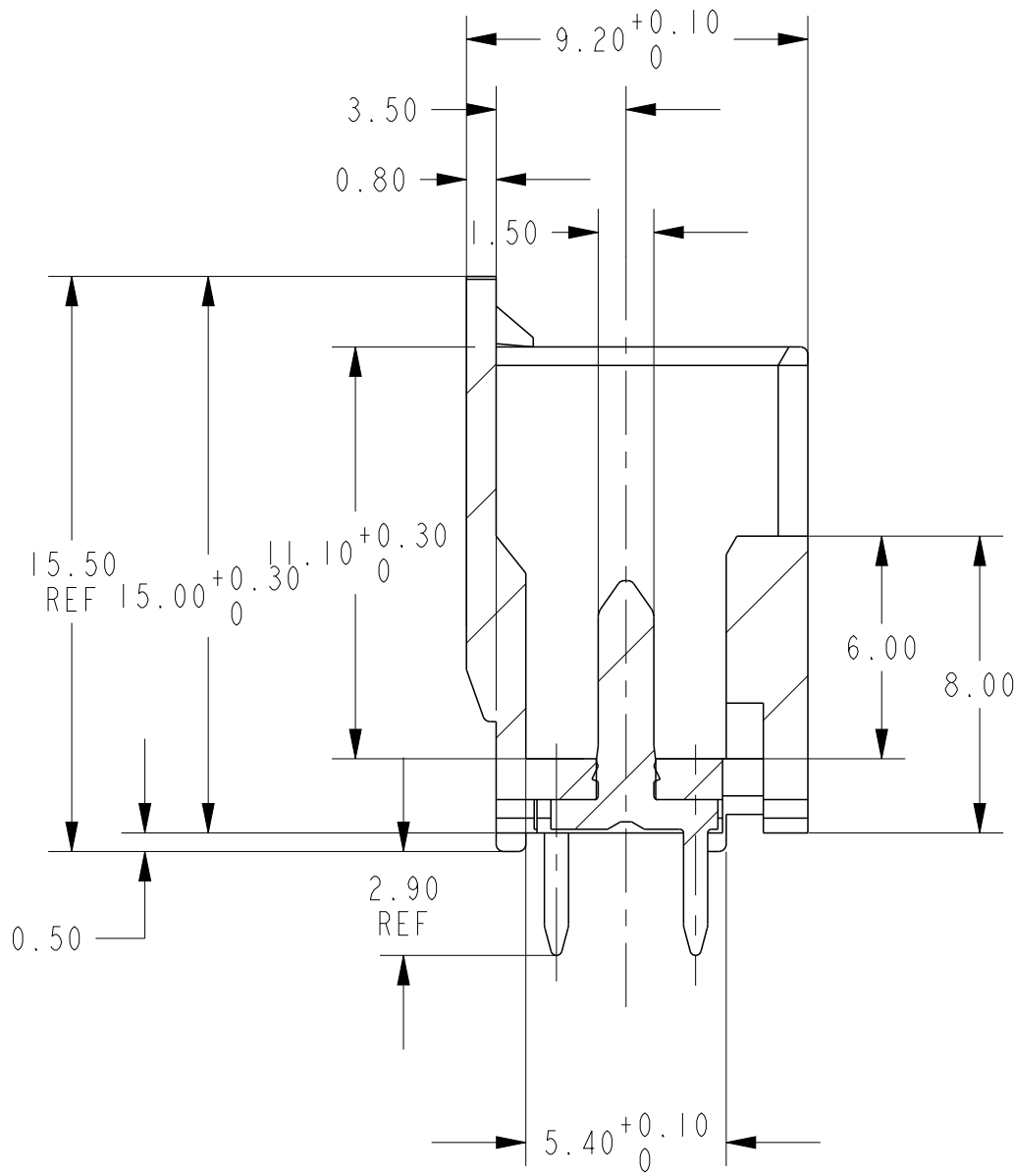
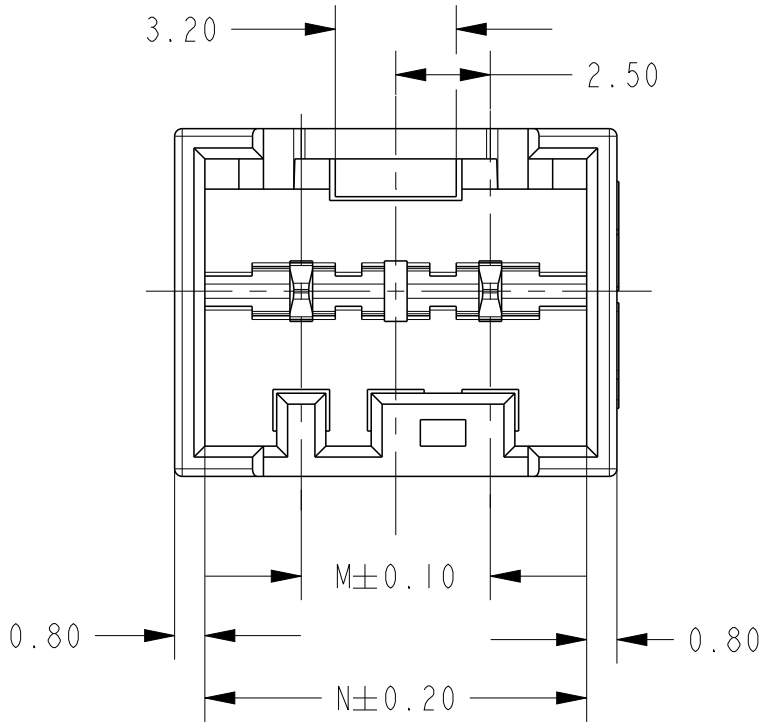
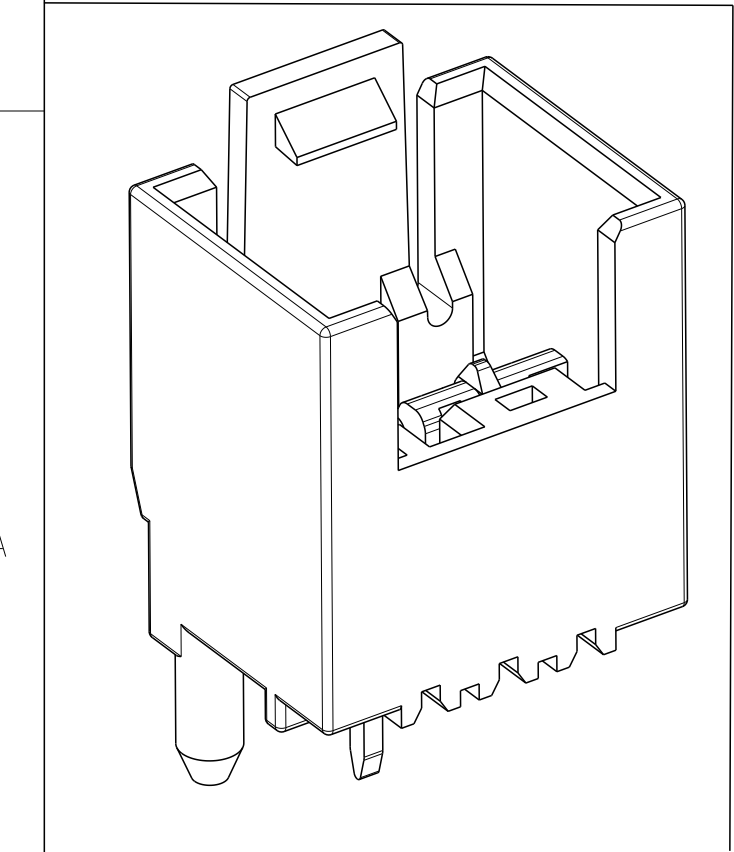
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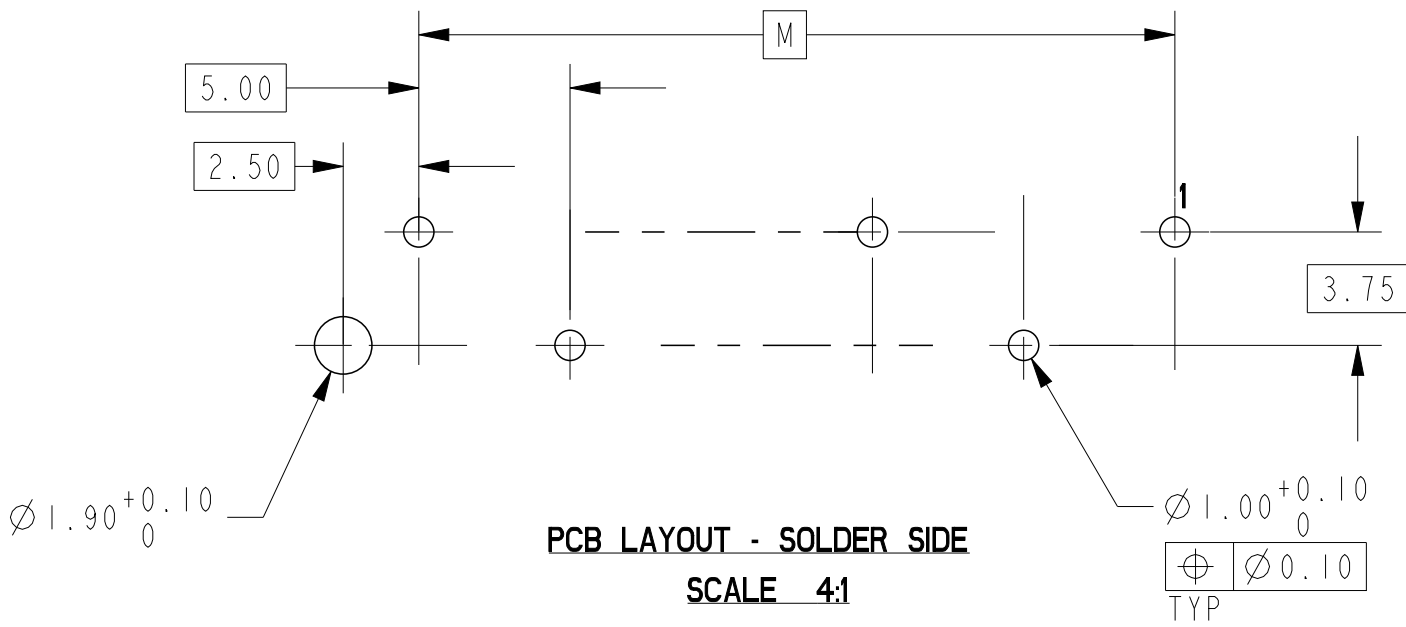
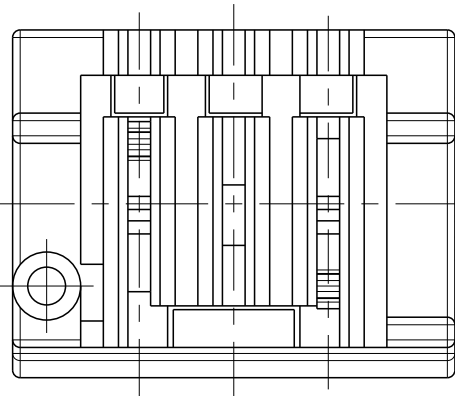
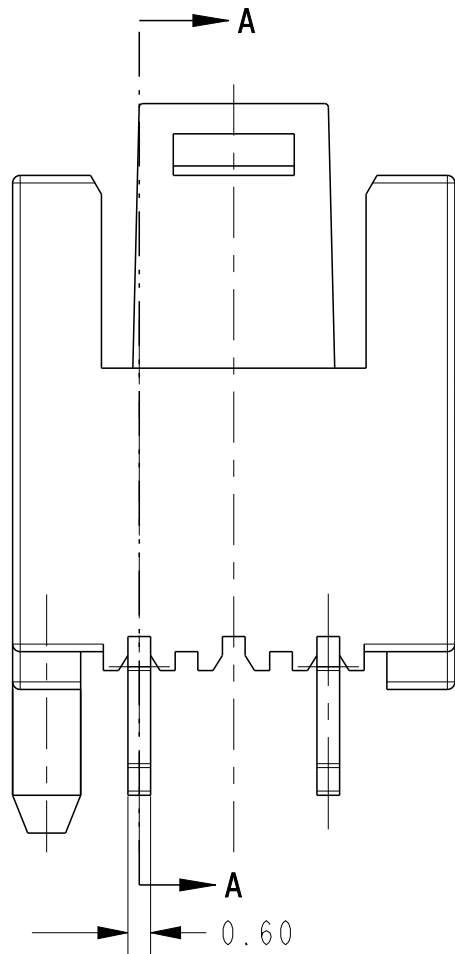
B

A

A



SECTION A-A



PCB LAYOUT - SOLDER SIDE
SCALE 4:1

N	M	NO. OF POS.
40.10	35.00	8 LOAD, 15 POS.
35.10	30.00	7 LOAD, 13 POS.
30.10	25.00	6 LOAD, 11 POS.
25.10	20.00	5 LOAD, 9 POS.
20.10	15.00	4 LOAD, 7 POS.
15.10	10.00	3 LOAD, 5 POS.
10.10	5.00	2 LOAD, 3 POS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN WINTER WANG	12NOV2012	TE Connectivity		
		CHK HAPYE WU	12NOV2012			
DIMENSIONS: mm		APVD YUHONG MAO	12NOV2012	NAME RAST 2.5 TAB HEADER ASSY, SELECTIVE LOADED, TH, VERTICAL, EXTERNAL LOCKING		
		PRODUCT SPEC 108-106079				
		APPLICATION SPEC -		SIZE A2	CAGE CODE 00779	DRAWING NO C-1971921
MATERIAL -		WEIGHT -		RESTRICTED TO -		
		CUSTOMER DRAWING	SCALE NTS	SHEET 1	OF 5	REV A7

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC

DIST

REVISIONS

ES

00

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

8

7

6

5

4

3

2

QTY

TAB CONTACT

w/ SILVER PLATING

QTY

HOUSING

15

13

11

9

7

5

3

POS.

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 15P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 13P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 9P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 7P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 5P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 3P
(SEE THE DETAIL LAYOUT ON SHEET 3)

TE PART NO.

3-1971924-5

2-1971924-5

1-1971924-5

1-1971924-3

2-1971924-1

1-1971924-1

6-1971923-9

5-1971923-9

4-1971923-9

3-1971923-9

2-1971923-9

1-1971923-9

8-1971923-7

7-1971923-7

6-1971923-7

5-1971923-7

4-1971923-7

3-1971923-7

2-1971923-7

1-1971923-7

6-1971923-5

5-1971923-5

4-1971923-5

3-1971923-5

2-1971923-5

1-1971923-5

1971923-3

9-1971923-3

8-1971923-3

7-1971923-3

6-1971923-3

5-1971923-3

4-1971923-3

3-1971923-3

2-1971923-3

1-1971923-3

5

8

7

6

5

4

3

2

QTY

TAB CONTACT

w/ TIN PLATING

QTY

HOUSING

15

13

11

9

7

5

3

POS.

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 15P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 13P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 11P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 9P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 7P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 5P
(SEE THE DETAIL LAYOUT ON SHEET 3)

RAST 2.5 TAB HEADER HOUSING,
EXTERNAL LOCKING, 3P
(SEE THE DETAIL LAYOUT ON SHEET 3)

TE PART NO.

3-1971922-5

2-1971922-5

1-1971922-5

1-1971922-3

2-1971922-1

1-1971922-1

6-1971921-9

5-1971921-9

4-1971921-9

3-1971921-9

2-1971921-9

1-1971921-9

8-1971921-7

7-1971921-7

6-1971921-7

5-1971921-7

4-1971921-7

3-1971921-7

2-1971921-7

1-1971921-7

9-1971921-5

8-1971921-5

6-1971921-5

5-1971921-5

4-1971921-5

3-1971921-5

2-1971921-5

1-1971921-5

1971921-3

9-1971921-3

8-1971921-3

7-1971921-3

6-1971921-3

5-1971921-3

4-1971921-3

3-1971921-3

2-1971921-3

1-1971921-3

5

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

BOB YANG

12NOV2012

CHK

HAPYE WU

12NOV2012

APVD

YUHONG MAO

12NOV2012

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

29MAY2012

NAME

RAST 2.5 TAB HEADER ASSY,
SELECTIVE LOADED, TH, VERTICAL,
EXTERNAL LOCKING

SIZE

A2

CAGE CODE

00779

DRAWING NO

1971921

RESTRICTED TO

-

SCALE

NTS

SHEET

2

OF

5

REV

A7

1471-9 (3/11)

LOC		DIST	REVISIONS					
-	-	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-		SEE SHEET 1	-	-	-

D

C

B

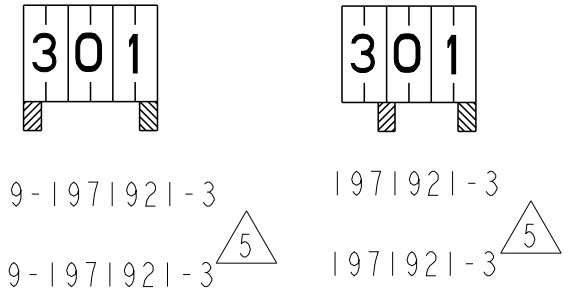
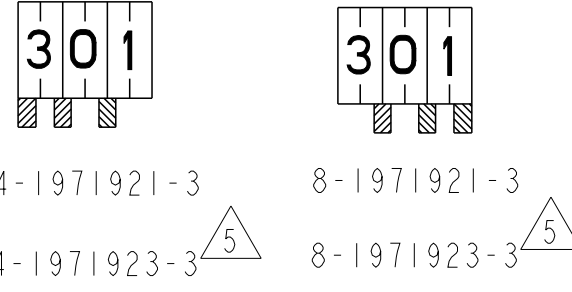
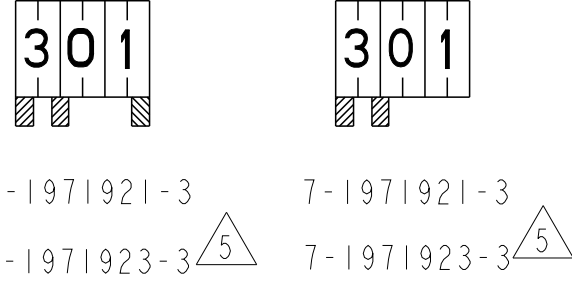
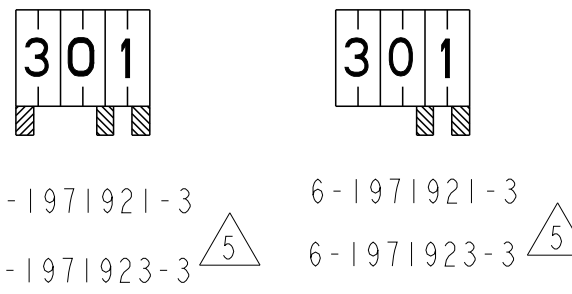
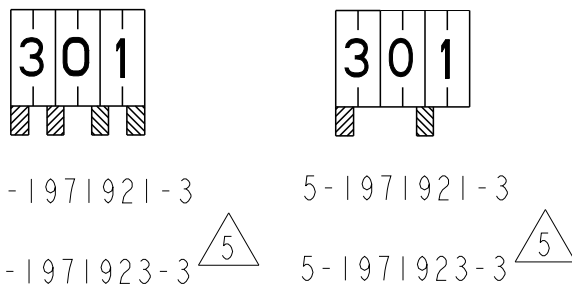
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D

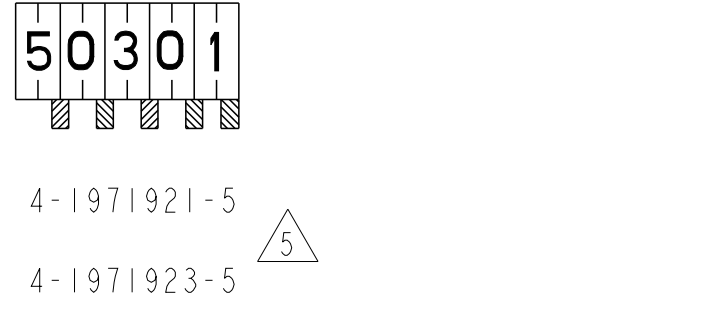
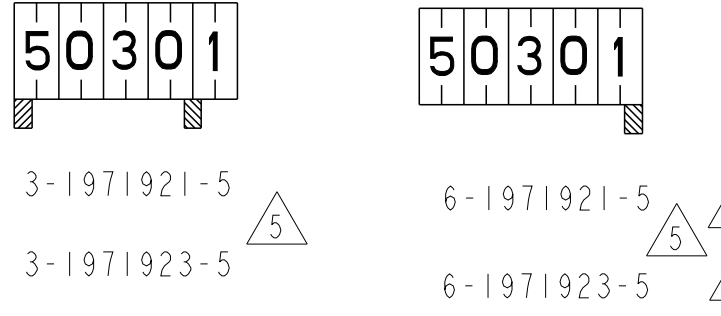
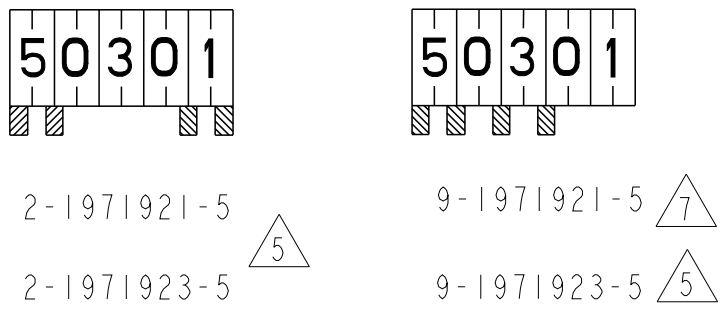
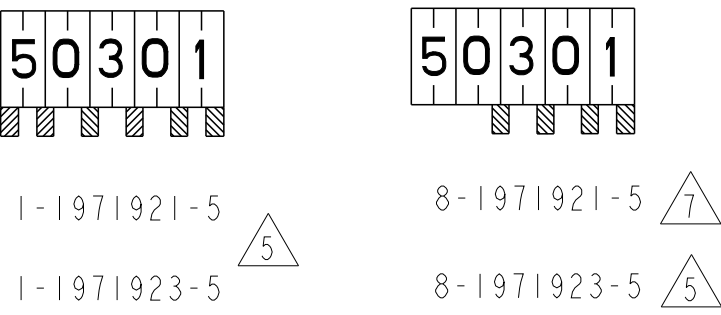
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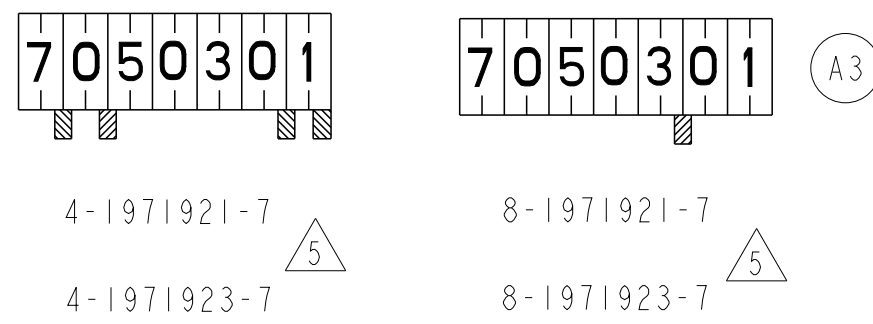
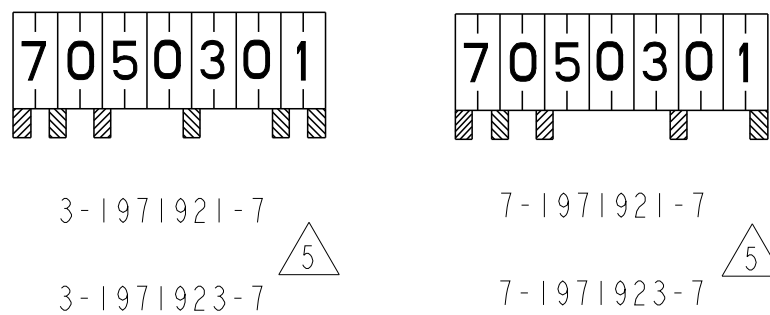
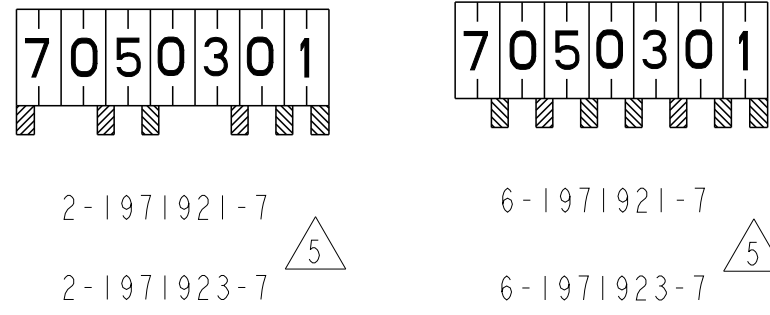
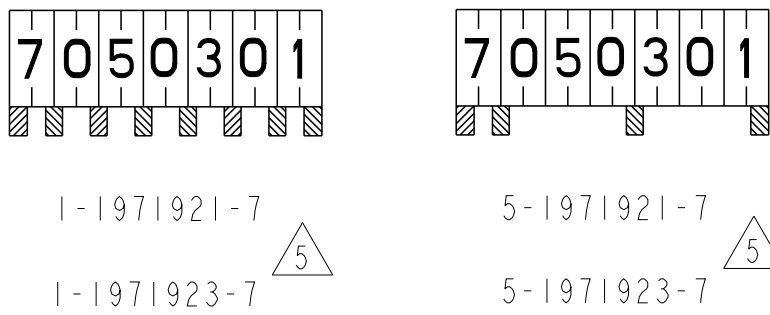
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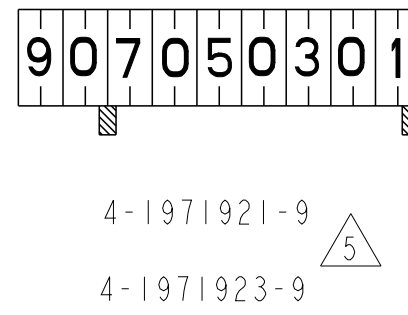
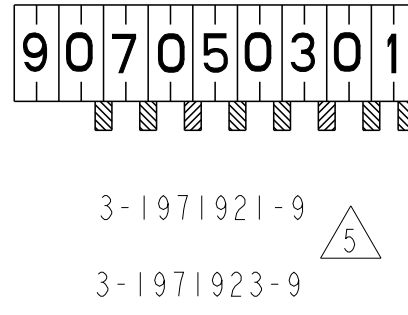
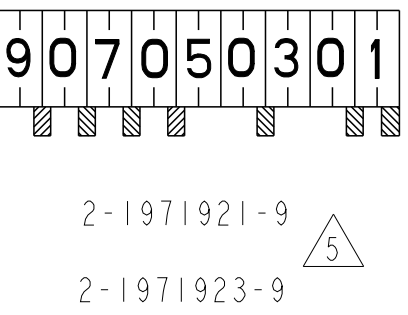
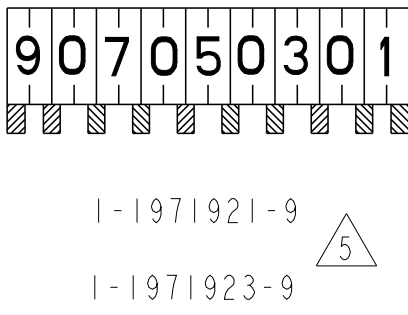
3 POS



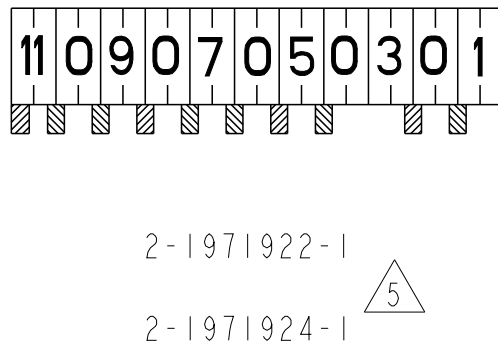
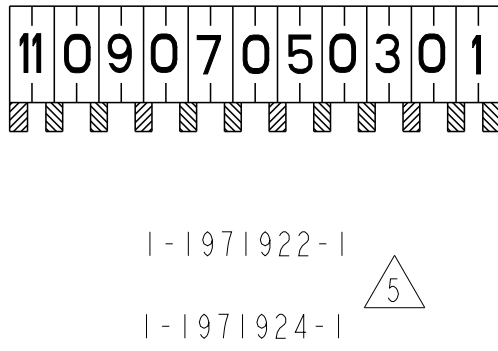
5 POS



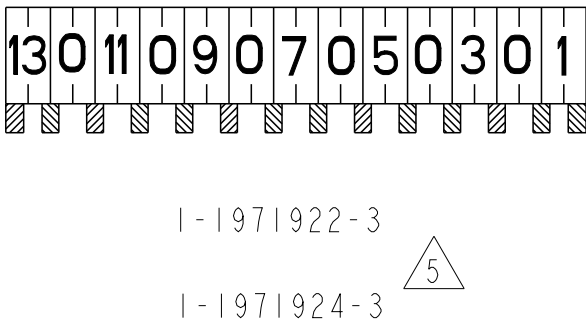
7 POS



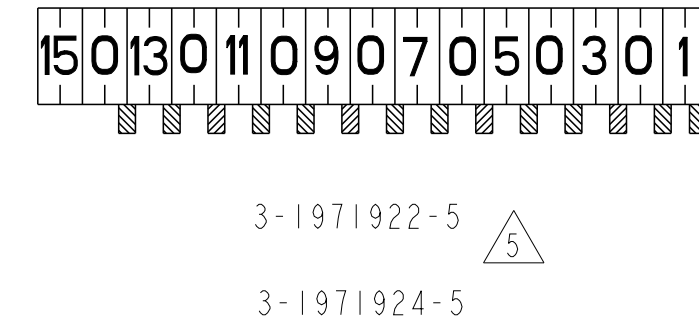
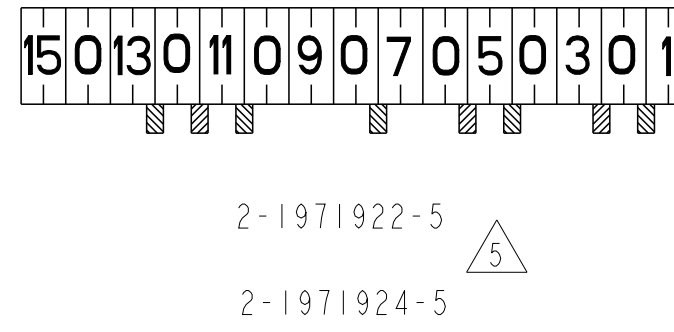
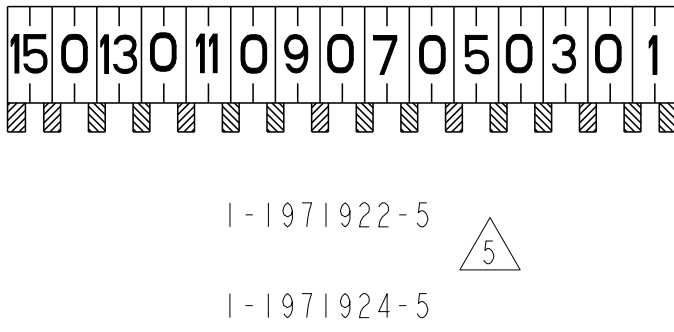
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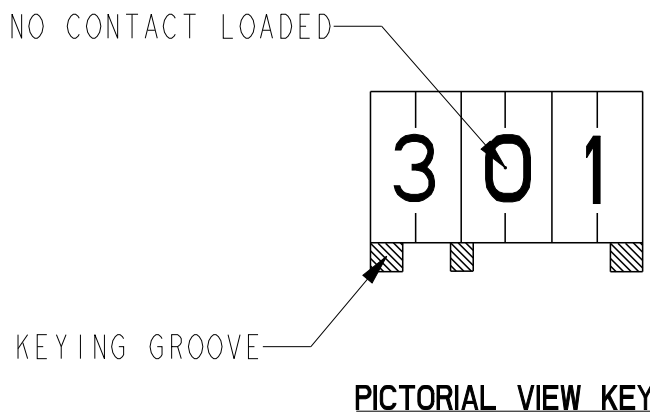
11 POS

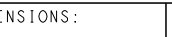


13 POS

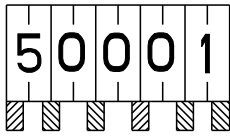


15 POS



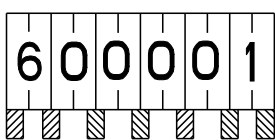
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: BOB YANG CHK: HAPYE WU APVD: YUJONG MAO	12NOV2012 12NOV2012 12NOV2012	 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ±1° FINISH -		NAME RAST 2.5 TAB HEADER ASSY SELECTIVE LOADED, TH, VERTICAL, EXTERNAL LOCKING	
		WEIGHT -		SIZE A1	RESTRICTED TO -
MATERIAL -				CAGE CODE 00779	DRAWING NO C1971921
CUSTOMER DRAWING				SCALE NTS	SHEET 3 OF 5

LOC		DIST		REVISIONS				
-	-	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-		SEE SHEET 1	-	-	-	



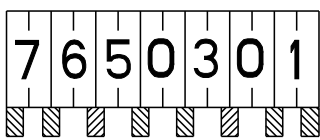
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5 POS



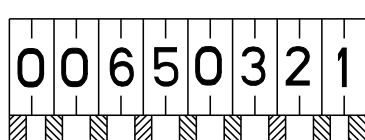
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6 POS



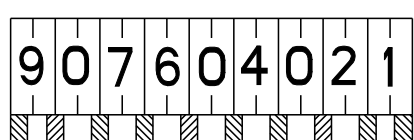
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7 POS



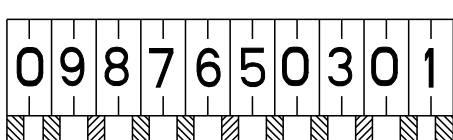
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8 POS



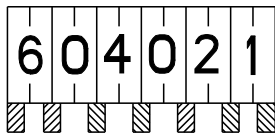
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9 POS

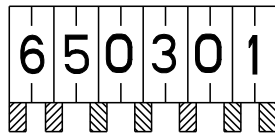


1-2825332-0

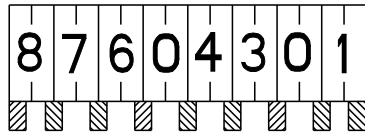
10 POS



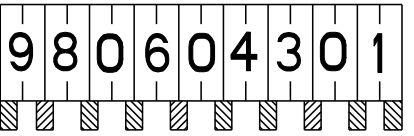
2-2825332-6



3-2825332-6

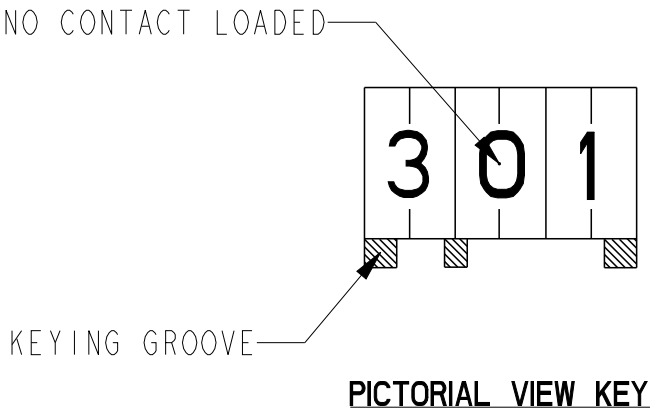


2-2825332-8



2-2825332-9

PRELIMINARY PART - NOT RELEASED FOR PRODUCTION
PART NUMBERS X-2825332-X ARE EQUIVALENT TO #-1971921-# IN GEOMETRY AND MATERIAL,
WITH ADDITIONAL POSITIONS, CONTACT LOADING AND POLARIZATIONS, AS SHOWN.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: BOB YANG	12NOV2012	 TE Connectivity	
		CHK: HAPYE WU	12NOV2012		
DIMENSIONS:		APVD: YUWONG MAO	12NOV2012	NAME: RAST 2.5 TAB HEADER ASSY SELECTIVE LOADED, TH, VERTICAL, EXTERNAL LOCKING	
mm		PRODUCT SPEC			
		APPLICATION SPEC			
MATERIAL:		WEIGHT:		SIZE: A1	RESTRICTED TO:
-		-		00779 C 1971921	-
		CUSTOMER DRAWING		SCALE: NTS	SHEET 4 OF 5
				REV: A7	

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LOC-

DIST-

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

FOR ANY KEYING CONFIGURATION, THERE ARE EIGHT COLORS AVAILABLE, BESIDES THE NATURAL COLOR, THERE ARE OTHER SEVEN COLORS, INCLUDE: YELLOW, BLUE, GREY, PURPLE, RED, GREEN, BLACK. THE WHITE VERSION IS PRELIMINARY. THE P/N OF THE COLOR CONNECTOR ARE BASED ON THE NATURAL CONNECTOR, THE PREFIX AND POSTFIX ARE THE SAME FOR THE SAME KEYING CONFIGURATION, BUT THE BASE NUMBERS ARE DIFFERENT ACCORDING TO DIFFERENT COLOR.THE FOLLOWING SHOWS WHAT’S THE P/N FOR COLOR CONNECTOR

#-1971921-#

PREFIX

BASE NUMBER

POSTFIX

COLOR	PART NUMBER OF THE CONNECTOR 				COMMENTS
	WITH TIN PLATING CONTACT		WITH AG PLATING CONTACT		
NATURAL	#-1971921-#	#-1971922-#	#-1971923-#	#-1971924-#	THE DETAIL P/N FOR DIFFERENT KEYING SEE SHEET 2 & 3
RED	#-2232189-#	#-2232190-#	#-2232191-#	#-2232192-#	THE PREFIX AND POSTFIX ARE THE SAME WITH THE P/N OF THE NATURAL CONNECTOR FOR THE SAME KEYING CONFIGURATION, JUST THE BASE NUMBERS ARE DIFFERENT BASED ON DIFFERENT COLOR. # CAN BE THE NUMBER FROM 0 TO 9.
BLUE	#-1971984-#	#-1971985-#	#-2232193-#	#-2232194-#	
YELLOW	#-2232195-#	#-2232196-#	#-2232197-#	#-2232198-#	
BALCK	#-2232199-#	#-2232200-#	#-2232201-#	#-2232202-#	
GREY	#-2232203-#	#-2232204-#	#-2232205-#	#-2232206-#	
GREEN	#-2232207-#	#-2232208-#	#-2232209-#	#-2232210-#	
PURPLE	#-2232211-#	#-2232212-#	#-2232213-#	#-2232214-#	
WHITE	#-2232285-#	#-2232286-#	#-2232287-#	#-2232288-#	

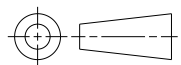
FOR EXAMPLE,IF A CONNECTOR WITH THE CONFIGURATION AS BELOW, AND WITH TIN PLATING CONTACT, IN THE SHEET 4, WE CAN FIND THE RELATED CONNECTOR P/N WITH NATURAL COLOR IS 3-1971921-3, THEN WE CAN LOOK IN THE ABOVE TABLE TO FIND THE CONNECTOR P/N WITH RED COLOR IS 3-2232189-3

301

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC±

1 PLC±

2 PLC±0.2

3 PLC±

4 PLC±

ANGLES±1°

FINISH

MATERIAL-

-

DWN12NOV2012WINTER WANG

CHK12NOV2012HAPYE WU

APVD12NOV2012YUHONG MAO

PRODUCT SPEC-

APPLICATION SPEC-

WEIGHT-

Customer Drawing

TE Connectivity

NAME

SIZEA2

CAGE CODE00779

DRAWING NOG-1971921

RESTRICTED TO-

SCALE5:1

SHEET5 OF 5

REVA7

RAST 2.5 TAB HEADER ASSY
SELECTIVE LOADED, TH, VERTICAL,
EXTERNAL LOCKING

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[7-1971921-7](#)